INTERNATIONAL SEARCH REPORT

International Application No ICT/IB2004/050619

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B26/02 G02B G02B3/14 H01S5/183 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) IPC 7 G02B H01S Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category * Relevant to claim No. X EP 1 069 450 A (CANON KK) 1-3,5,9, 17 January 2001 (2001-01-17) paragraph '0201! - paragraph '0216!; 10 figures 19a,19b WO 02/099527 A (PRINS MENNO W J ; X 1-3,5,9, CORNELISSEN HUGO J (NL); KONINKL PHILIPS ELECTRONICS) 12 December 2002 (2002-12-12) 10 page 2, line 29 - page 4, line 29; figures 1,2,4 X US 4 583 824 A (LEA MICHAEL C) 1-3,5,9, 22 April 1986 (1986-04-22) 10 column 2, line 35 - column 4, line 8; figure 3 Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the International .Е. "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. Of document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 02/09/2004 24 August 2004 Name and mailing address of the ISA Authorized officer European Palent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340–2040, Tx. 31 651 epo nl, Fax: (+31-70) 340–3016 THEOPISTOU, P

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INTERNATIONAL SEARCH REPORT

International Application No PCT/IB2004/050619

0.00	ALL A DOCUMENTS CONCIDEDED TO BE DELEVANT	FC171B20047 030013			
Category °	etion) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
Y	US 6 369 954 B1 (BERGE BRUNO ET AL) 9 April 2002 (2002-04-09) column 3, line 3 - line 52 column 5, line 27 - column 6, line 39; figures 1,6	1-5,9,10			
Y	US 4 289 379 A (MICHELET GUY) 15 September 1981 (1981-09-15) column 2, line 39 - line 62; figures 2-7	1-5,9,10			
Α	EP 1 146 325 A (AGILENT TECHNOLOGIES INC) 17 October 2001 (2001-10-17) abstract; figure 2	6-8			
A	US 4 951 285 A (COLE JOHN L ET AL) 21 August 1990 (1990-08-21) abstract; figures 1,2	6-8			
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INTERNATIONAL SEARCH REPORT

national Application No FCT/IB2004/050619

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1069450	A	17-01-2001	JP	2000356751	A	26-12-2000
			JP	2000356792	Α	26-12-2000
		•	EP	1069450		17-01-2001
			US	6449081	B1 	10-09-2002
WO 02099527	Α	12-12-2002	EP	1402314		31-03-2004
			MO	02099527		12-12-2002
			JP	2004521389	T	15-07-2004
US 4583824	Α	22-04-1986	NONE			
US 6369954	B1	09-04-2002	FR	2769375	A1	09-04-1999
			ΑT		T	15-03-2002
			CA	2306249		15-04-1999
			DE		D1	11-04-2002
•			DE		T2	28-11-2002
			EP ES	1019758 2171041		19-07-2000 16-08-2002
			MO ·	21/1041 9918456		15-04-1999
			JP	2001519539		23-10-2001
US 4289379	Α	15-09-1981	FR	2389144		24-11-1978
		•	FR	2421394		26-10-1979
			DE GB	2817525 1596895		05-07-1979 03-09-1981
			JP	1393930		11-08-1987
			JP	53135347	-	25-11-1978
			JP	61051284		08-11-1986
EP 1146325	A	17-10-2001	US	6538748		25-03-2003
			EP JP	1146325 2002006238		17-10-2001 09-01-2002
			UF 		<u>~</u>	09-01-200
US 4951285	Α	21-08-1990	NONE			•